

The Commonwealth of Massachusetts

81st

ANNUAL REPORT

OF THE

TRUSTEES

OF THE

ASSAULT: TAUNTON STATE HOSPITAL (Insane).

FOR THE

YEAR ENDING NOVEMBER 30,

1934

DEPARTMENT OF MENTAL DISEASES



Publication of this Document approved by the Commission on Administration and Finance

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GARDNER STATE HOSPITAL
EAST GARDNER, MASS

[1935]

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TAUNTON STATE HOSPITAL

[Post Office Address, Taunton, Mass.]

TRUSTEES

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ROGER G. OSTERHELD, M.D., *Assistant Superintendent*.
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ROBERT M. BELL, M.D., *Senior Physician*.
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IN MEMORIAM

Student Nurse	RITA E. HUTCHINS	1931-1933
Steam Fireman	DANIEL HEFFERLIN	1922-1934

TRUSTEES' REPORT

To His Excellency, the Governor and the Honorable Council:

The Trustees of the Taunton State Hospital present herewith their eighty-first annual report, together with the Superintendent's report, financial report, and statistical tables.

There has been no change in the membership of our Board within the last year. Mr. Samuel M. Stone of Attleboro having been reappointed by Governor Ely, again in the year. Mr. Arthur B. Reed of North Abington and Mrs. Elizabeth C. Gifford of Cambridge were re-elected to the offices of chairman and secretary, at our annual meeting. The meetings have been well attended, and the different members of the Board have interested themselves in the many activities of

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spital in addition to the regular duties of the committees on which they have served.

We are pleased to report that during the year we have noted a general improvement in the entire institution. The wards are in very good repair, and the attention which has been given to interior decorating has added much to their beauty. Our landscaping program has been continued, and many new shrubs and plants have been added. This has done much to increase the attractiveness of the grounds. We believe that pleasant surroundings are not only desirable, but essential, and it is to this end that we are working. The morale of the patients continues to improve, we believe, as a result of a gradual improvement in the care that they are receiving. The cafeterias continue to be popular, and the past year has seen a decided improvement in the different menus served. More patients than ever have been gainfully employed in the industrial department and on the farm, and on the whole, the past year has been one of progress.

The Public Works Administration has approved a project which will result in the completion of the sprinkler program. This project also includes the installation of several stand pipes in buildings occupied by employees, as well as the placing of chemical extinguishers in certain locations where automatic sprinklers would not be suitable. This program was begun many years ago, and we are very much pleased to be assured of its completion. The work has not yet been started, but will no doubt be accomplished in the near future. When it is completed, all the attic buildings occupied by patients will be protected.

We have not been able to continue our plan of installing fire-proof floors during the last year, and we hope that it will be possible to resume this before very long. The Brown and Howland Infirmaries will be vacated when the new buildings are completed. This will offer an opportunity for thorough renovation. We recommend that all of the wooden floors in these buildings be replaced by others that are fireproof, and that modern plumbing and service facilities be installed at that time. These buildings are old, but of very good construction, and with the changes mentioned above, they will no doubt give excellent service for many years to come.

The Public Works Administration has approved another project which includes the construction of two of the buildings of the new hospital group, the building of which has been advocated by us for several years. The hospital building and male infirmary are included in this project, and we hope that the psychiatric clinic, male infirmary, nurses' home and the kitchen and dining room building will be long in coming. For years it has been necessary to care for many more patients than our certified capacity calls for. This has resulted in improper classification and many other things not in harmony with the type of care that we would like to furnish. This, we believe, is sufficient justification for the completion of this group in the near future.

All of the plumbing in the main building is old and difficult to keep in repair. In addition, the different facilities are entirely inadequate. New bathrooms and laboratories have been created in a few wards, but much of this work remains to be done. Plans for this work have been submitted, and we urgently request that an appropriation for this purpose be granted during the coming year.

Extensive repairs are being made at the Borden Colony. The plumbing and electric wiring have been renewed in the Leonard House which is also to be replaced and to have new floors. A terrazzo floor has replaced the old wooden one in the dining room. Much painting has been accomplished in the brick cottage and other buildings. A silo which has stood for several years on the farm at the main camp was torn down, and later reconstructed in the vicinity of Cow Barn No. 1. The cost of this procedure was relatively small. The equipment of the dairy which was old and worn out, has been replaced by modern machinery which will make it possible for us to handle our milk to much better advantage. The barns and other buildings have received many miscellaneous repairs during the year. All of the buildings at this Colony are old and difficult to maintain. In addition many of them are not well suited to the purpose for which they are used. The land on which they are located is low, and during certain seasons of the year, it becomes very wet. Because of this, we believe that further expansion on this particular Colony is not advisable. As this Colony is rapidly becoming the center of our farm

activities, there is no doubt but that plans for a gradual re-location of all the buildings should be made. The piggery and the hennerly, both of which are now located at the main hospital, will have to be removed to this Colony in the near future because of the construction of the new hospital group; their present location will at that time be entirely too near to buildings occupied by both patients and employees. We have selected a site on the north side of King Phillip Street, about one half a mile west of the existing buildings. The land in this vicinity is high and of southern exposure. We believe that it is admirably suited to the purpose, and that eventually all of the activities of the farm should be located there. The appropriation of a sum sufficient to construct a building which would accommodate at least fifty patients, as well as a piggery and a poultry plant, should receive careful consideration in the very near future. This proposed building site is located with easy reach of a large portion of the tillable land; consequently, many steps will be saved on the part of the patients and employees working there. On the whole, we believe that this plan is very desirable, and we recommend its early institution.

Our laundry is of the two-story type with a wash room on the lower floor and a room for ironing and sorting on the second. These floors are connected only by a stairway and a hand operated elevator. Most of the machinery is old and will have to be replaced before very long. On the whole, it is a very difficult plant to operate, and in its present state there is but very little chance for expansion. The population of the hospital is constantly increasing, and it would seem that the construction of a new laundry building before it is necessary to replace the old machinery, would be economical. The old laundry yard which is now unused would make an excellent site for this building. Our industrial building is crowded and we need more space for the storage of building materials. The present laundry building would take care of these needs very well. We believe that this matter should receive early attention.

The production of vegetables on the farm has exhausted the capacity of our root cellars, and it has been necessary to store vegetables in buildings occupied by employees. This is objectionable in many ways, and the construction of a new root cellar of sufficient capacity to care for this whole problem has been recommended for several years. We believe that this project now deserves immediate attention.

The ten year program which was submitted to the Department of Mental Diseases last Fall includes all of the projects mentioned above, as well as many others. The entire program has our unanimous approval.

On September 7, 1934, the hospital was visited by Winfred Overholser, M.D., Commissioner, Henry M. Pollock, M.D., Charles G. Dewey, M.D., Samuel Kales, Associate Commissioners, Joseph E. Barrett, M.D., Assistant Commissioner, and Carl A. Raymond, Budget Commissioner. On September 26, 1934, Dr. J. D. Doughty, Specialist in Nervous and Mental Diseases, Seattle, Washington, and Mr. O. L. Olsen, Director of Business Control, Olympia, Washington, paid us a visit. During the latter part of November the following delegates of the State Eleemosynary Institutions, Jefferson City, Missouri, visited the hospital: Mr. W. E. Jamieson, Mr. L. R. Bowen, Mr. Charles A. Haskins, and Dr. F. R. Frazier. Other representatives of the Department have visited us at frequent intervals.

We wish to express our gratitude for the cooperation we have received from the different State Departments, including the Department of Mental Diseases, the employees of the institution, as well as all others who have been interested in the welfare of the hospital. We cannot close without a sincere tribute to Dr. Chamberlain whose loyalty, untiring energy and ability to win cooperation have been the large factor in the progress made by the hospital.

ARTHUR B. REED, *Chairman*
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MRS. MARY B. BESSE
ASA A. MILLS

MRS. ELIZABETH C. M. GIFFORD
Secretary
CHARLES C. CAIN, JR.
SAMUEL M. STONE

Trustees.

SUPERINTENDENT'S REPORT

to the Trustees of the Taunton State Hospital:

The eighty-first annual report of the Superintendent of the Taunton State Hospital, for the fiscal year ending November 30, 1934, is respectfully submitted for your consideration.

The statistical tables relative to patients, cover the period beginning October 1, 1933, and ending September 30, 1934.

MOVEMENT OF POPULATION

The census of the hospital on September 30, 1933 was as follows: In the hospital, 5 men and 752 women, making a total of 1,507. On parole or otherwise absent, 17 men and 98 women, a total of 115, making a grand total of 1,622, including 849 men and 850 women on the books of the hospital. During the year ended September 30, 1934, 532 patients were received. Of this number, 260 men and 178 women, a total of 438, were classed as first admissions, 51 men and 38 women, a total of 89, came as readmissions, and 3 men and 2 women, a total of 5, came as transfers from other hospitals. Of the 532 admissions, 230 men and 192 women, a total of 422 were regularly committed, 8 men and 6 women, a total of 14, were under voluntary commitment, 31 men and 7 women, a total of 38, were under temporary care, and 11 men and 13 women, a total of 24, were under observation commitment.

Patients, 492 in number, including 300 men and 192 women, were discharged during the same period. Of this number, 144 men and 104 women, a total of 248, were returned to the community, 24 men and 4 women, a total of 28, were transferred to other hospitals, and 132 men and 84 women, a total of 216, died. Of the 216 patients discharged, 225 men and 169 women, a total of 394, were regularly committed, 4 men and 5 women, a total of 9, were under voluntary commitment, 11 men and 6 women, a total of 17 were under temporary care, and 41 men and 13 women, a total of 54, were under observation commitment.

The census of the hospital on September 30, 1934, was as follows: In the hospital, 9 men and 776 women, making a total of 1,555; on parole or otherwise absent, 11 men and 100 women, making a total of 111, making a grand total of 1,666, including 863 men and 876 women on the books of the hospital.

The total number of cases under treatment during the year was 2,231 (1,163 men and 1,068 women).

MEDICAL SERVICE

Clinical Director — ROGER G. OSTERHELD, M.D.

Our senior physicians, Dr. H. Sinclair Tait and Dr. Robert M. Bell, have continued to be in charge of their respective services. Dr. Donald G. Henderson has continued as director of the laboratory and Dr. Olga Steinecke has had charge of the outpatient department.

The members of our visiting staff composed of Dr. C. A. Atwood, Dr. A. R. Randall, Dr. Joseph L. Murphy, Dr. T. J. Robinson and Dr. Charles J. C. Gillon, have continued to give liberally of their time, and their value to the hospital cannot be over estimated.

Dr. Charles E. White who has been a member of our staff since August 1, 1930, resigned on November 14, 1934, to accept a senior position at the Howard State Hospital in Rhode Island. His position was filled by Dr. Norman K. Beals on November 16, 1934. Dr. Beals is a graduate of Temple University Medical School, class of 1933, and served an internship at the Memorial Hospital in Pawtucket, R. I. The staff was augmented during the summer by three undergraduate clinical students. This custom has been in vogue for several years and has proven to be beneficial to both the student and the hospital. We have continued to give senior students from Tufts College and Boston University Medical Schools, a one month's course in psychiatry. Four of these young men are with us continuously during the school year. This, we believe, is doing much to familiarize the physician with many problems of psychiatry. In all, thirty students completed this course during the past year.

The different members of the staff have continued their lectures in connection with the training school for nurses. This work has been materially increased in the past few years by the addition of affiliate and postgraduate courses.

Dr. Richard P. McKnight, District Health Officer, has continued to advise in regard to the care and control of communicable diseases. We are glad to report that we have not had any disease in an epidemic form among either the patients or employees. A sporadic case of typhoid fever was discovered in the month of August. A systematic survey of the hospital population led to the discovery of a carrier. Occurrences of this sort, we believe, will be prevented in the future by routine examination in the case of newly admitted patients. All food handlers have been examined for many years.

A very careful survey of the tuberculosis problem was made during the year and it was found that most of the cases under treatment were in an inactive state. These patients are all quartered in wards isolated and well suited to the purpose. We now have all the equipment necessary in carrying out the recent developments in the surgical treatment of this disease.

We have continued to treat all cases of syphilis admitted to the hospital, whether or not the nervous system is involved. Selected cases of General Paralysis have been subjected to fever therapy, malaria being the agent of choice. At the present time it is our opinion that all cases who are physically able to take this treatment should be submitted to it, as we believe that it gives the patient the best chance.

Much time has been spent during the past year in formulating plans for a new hospital building which we hope will be completed before another report is written. This building will furnish new quarters for practically all of the divisions in this department, and for the first time those units which are so intimately associated will be located in such a manner as to make their work much easier.

The following work was accomplished in the operating room and dressing room during the year:

Operations:

Adenoidectomy	2	Dilatation and curettage	
Amputation, breast (radical)	1	Herniotomy	
Amputation, breast	1	Laparotomy, exploratory	
Amputation, toe	1	Polyp, cervical excision	
Appendectomy	4	Tonsillectomy	
Carbuncle, excision	1		

Minor Surgery:

Cyst sebaceous, extirpation	3	Fracture, hip	
Dislocation, ankle, reduction	2	Fracture, wrist	
Extractions, dental ¹	4	Furuncle, incision ¹	
Fracture, ankle	2	Lacerations, sutured	
Fracture, clavicle	1	Punctures, spinal	1
Fracture, digit	4	Punctures, venal	8
Fracture, elbow	1	Surgical dressings	6,2
Fracture, hand	3		

¹With anesthesia.

²Reduction and immobilization.

Antisyphilitic Treatments:

Arsphenamine	426	Iodobismutol	3
Bismuth-Sodio-Tartrate	1,626	Potassium Iodide	2
Mercury Salicylate	798	Supharsphenamine	
Neoarsphenamine	192		

Eye, Ear, Nose and Throat Treatments:

Blepharitis	25	Otitis media	1
Conjunctivitis	223	Naso-pharyngitis	2
Hordeolum	8	Pharyngitis	2
Impacted cerumen	9		

Examinations:

Abdominal with anesthesia	1	Joint manipulation with anesthesia	
Gynecological with anesthesia	1	Gynecological	9

Foot Clinic:

Bunions	28	Hypertrophied Nails	
Corns	579	Ingrowing Nails	
Calluses	33	Nail excision with anesthesia	

Drums and Vaccines (Prophylaxis):

Oryza	12	Smallpox	330
Phtheria	6	Typhoid	452
abies	1		

Miscellaneous: Obstetrics, delivery, 2; Intravenous:— Iron cacodylate, 17
 Normal saline, 101; Sodium morrhuate, 16; Parenteral injections, 28.

DENTAL DEPARTMENT

Director:— Dr. Wilfred R. Wilson

During the early months of the year the work of this department was carried on by Dr. Thomas Hoffman who was a temporary appointee. He left on June 16, 1934, to accept another position. Our consulting dentist, Dr. Byron H. Strout, carried the work until October 15, 1934, when the duties of the position were assumed by the present incumbent. The work accomplished, despite the many changes in personnel, has been satisfactory both in quality and quantity.

An outline of the work accomplished follows:

Bridgework: removed, 8; facing recemented, 1; reset, 6.

Crowns:— Davis crown set, 3; gold removed, 4; gold reset, 4.

Cleaned and scaled, 1,295; examined and charted, 1,202; extractions, 792.

Fillings:— amalgam, 403; cement, 11; Kryptex, 70; root canal, 2; synthetic, 2; temporary, 19; zinc oxide and eugenol, 353.

Plates: Impression, bite, shade, 55; teeth tried in, 24; made, 18; adjusted, 47; repaired, 23; cleaned, 566; marked, 227.

Treatments: Abscess lanced, 2; formo-creosol, 7; gums treated, 274; gums treated— oxygen, 24; post-operative, 76; root canal, 19; silver nitrate, 9; teeth treated, 49.

X-rays taken	17
Patients with work completed	1,634
Patients with work not completed	198
Number of visits	4,472
Number of operations	5,945
Average operation per patient	1.35
Number of patients treated first time	1,061
Number of patients needing dental attention	249
Number of extractions and fillings on new patients	756-336
Percentage of patients with work completed	87.25
Percentage of patients with work not completed	12.75
Average number of patients treated daily	15.58
Average number of operations per day	20.71
Number of days office was open	287

X-RAY DEPARTMENT

Director— H. SINCLAIR TAIT, M.D.

This department has continued to be a great help to the medical service. About the usual amount of work has been accomplished during the year. The director has devoted considerable time assisting in the developing of plans for a new X-ray department which will be located in the new hospital building. When this is completed, we will be able to do all kinds of X-ray work with the exception of therapy. This feature is not included as we refer cases needing this particular type of treatment to the Pondville Hospital, Walpole, Mass.

A summary of the work accomplished follows:

Skull	36	Sacro-iliac	12	Ankle	20
Arm	10	Coccyx	2	G. I. tract	20
Wrist	12	Hip	12	Gall bladder	8
Hand	18	Leg	8	G. U. tract	5
Foot	122	Knee	6	Foreign bodies	4
Neck	6				

PHYSIOTHERAPY DEPARTMENT
Director — OLGA E. STEINECKE, M.D.

The work of this department has been carried on by Miss Helen Dadmun. There has been a change in personnel, Miss Helen Gardner having resigned her position on September 22, 1934, to be married. Miss Dadmun, who assumed her duties on September 24, 1934, is a graduate of Arnold College, New Haven, Connecticut.

During the year, 197 patients have been treated, of this number 127 were men and 70 were women. In addition, 34 employees were treated in this department.

Some of the various conditions treated were: eczema, boils, arthritis, sprains, acne, tuberculosis, high blood pressure, dermatitis, abscesses, contractures and ringworms.

Below is a summary of the treatment given during the year:

	Men		Women	
	Treat-ments	Hours	Treat-ments	Hours
Ultra Violet Ray	1,342	413	1,124	325
Radiant heat-massage	1,660	877 $\frac{3}{4}$	1,219	594
Auto-Condensation	133	38 $\frac{1}{4}$		
Diathermy			144	91
Total	3,135	1,329	2,487	1,012

Total of all treatments.	5,6
Total of all hours	2,3

HYDROTHERAPY DEPARTMENT

Dr. H. Sinclair Tait and Dr. Robert M. Bell, senior physicians, have continued to direct the work of this department, which has been carried on by our hydrotherapists, Mr. Leon Jackson and Mrs. Teresa Haskell. Much of our equipment is old, but although quite unattractive and difficult to maintain, it is still usable and has functioned to the fullest extent. The number of treatments has increased somewhat over last year, but if equipment was available, more treatments of this nature could be given much to the benefit of the patients. Dr. Rebekah Wright, Hydrotherapist for the Department of Mental Diseases, has visited the hospital periodically during the year for the purpose of bringing to us any recommended modifications of the procedures now in use. We have continued to use color irrigation in selected cases, with very good results.

A summary of the work accomplished follows:

	MEN	WOMEN	TOTAL
Number of Patients	205	260	465
<i>Tonic Baths</i>			
Salt glows	1,366	987	2,353
Hot and cold to spine	295	654	949
Foot baths	39	34	73
Electric light baths	174	39	213
Swedish shampoos	1,105	895	2,000
Hair shampoos	1,105	54	1,159
Needle sprays	2,992	2,537	5,529
Fan douches	2,591	2,303	4,894
Rain douches	1,105	54	1,159
<i>Continuous Baths:</i>			
Number of baths	5,513	5,548	11,061
Number of hours	36,594.35	56,011.39	92,606

Wet Sheet Packs:

Number of packs	11,388	15,897	27,285
Number of hours	32,536.45	50,986.25	83,523.10

Colonic Irrigations:

Number of irrigations	326	313	639
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Instructions:

Number of pupils	32	55	87
Continuous bath lessons —			
Number of lessons	6	86	92
Number of hours	7	152.30	159.30
Back lessons —			
Number of lessons	44	85	129
Number of hours	55	125.15	180.15

LABORATORY

Director — DONALD G. HENDERSON, M.D.

This department has continued to function in its old quarters which are highly undesirable in many ways. Plans have been evolved for a new laboratory suite which is to be a part of our new hospital building, and it is hoped that before the time for another report arrives, we will be occupying these new quarters.

This year was notable for the great increase in autopsies which is a good indication of the cooperation between clinical and pathological services. With a total of 209 deaths, postmortem permission was obtained in 117 cases, given an average of 56%. Occasional presentation of this material to the staff has continued, though sufficient time has not been available to use it to the greatest extent.

The medical students have continued to serve part of their time in the laboratory, and during the summer months, a volunteer worker, Miss Alva McKechnie, was instructed in the routine procedures of the technicians.

The laboratory reports were bound by the occupational therapy department, and we now have complete records in book form of the activities of this department from 1866 to the present date.

Among new procedures were instituted blood cholesterol determinations and blood sedimentation rates which have aided the clinicians in diagnosis. A new basal metabolism apparatus was installed late in the year, and this has increased the accuracy of these reports to a considerable extent.

A paper was published in the New England Medical Journal by Drs. Williams and Henderson on an improved method of restoring autopsied bodies which has been developed here, and has met with universal approval.

Daily bacteriological examination of the milk as it arrives from the farm and after it has been stored in the kitchen has been instituted as a control of this important food supply.

The following is a summary of the activities of this department:

Ascheim-Zondek test, 1; blood Widal agglutinations, 30.

Counts: spinal fluid cells, 110; complete blood, 996; differential white cell, 35; platelet, 1; red blood, 28; reticulocyte, 7; Schilling differential, 58; white blood, 9;

Cultures: — blood, 17; for B. Diphtheriae, 30; for haemolytic streptococci, 20; for other organisms, 37; stool for B. Typhosus, 681; for other organisms, 2;

Determinations: — basal metabolism, 14; bleeding and coagulation time, 10; blood cholesterol, 19; blood creatinine, 4; blood sugar, 203; blood urea nitrogen, 1; determination of diacetic acid and acetone, 297; determinations, haemoglobin, 1; spinal fluid colloidal gold, 115; spinal fluid gum mastic, 115; spinal fluid globulin and albumin, 115.

Examinations: — diagnostic tissue, 25; gastric contents, 5; postmortem (bacteriological), 15; postmortem (complete), 117; tissue (microscopic), 3,178.

Bacterial indices, 9; milk analysis (individual quantitative bacteria counts), 175; counting museum specimens, 5.

Red blood cell fragility test, 3; red blood cell volume index, 1.

Patients' pictures, 594; photographs of pathological material, 75.

Smears: — for bacillus diphtheriae, 20; for bacillus tuberculosis, 60; for gonococcus, 25; for malaria parasites, 18, for streptococci, 5.

Sputum examinations, 131; sputum typing for pneumonia, 15; stool examination for occult blood, 73; stool examinations for worms and ova, 4, surgical specimens 8; urinalysis, complete, 2,665; urinalysis, microscopic, 15; Van den Bergh reactions, 2.

SOCIAL SERVICE DEPARTMENT
Director — EMMA SHAW LOWE

The personnel of this department has remained the same with the exception that Charlotte Foye resigned on October 13, 1934 to be married. Miss Annie M. Heal, who had been employed here previously, and who had been studying for three years, succeeded her. We have two volunteer workers, one from Radcliffe College and one from Wheaton College.

The main work of the department consists in supervising patients on visit, in taking medical and social histories of all patients admitted to the hospital, in investigating home conditions and when necessary, circumstances preceeding admission. There is also much work done in connection with the psychiatrist in school and community clinics. Special effort has been made to have as many patients on trial report to the community clinics in order that there may be more time to devote to the supervision of patients at a distance.

The monthly conferences for all workers under the direction of Miss Hanna Curtis, Director of Social Service for the Department of Mental Diseases, have been omitted temporarily in the interest of economy, but the monthly Saturday morning conferences for head workers have been continued, and contribute to progress and uniformity in the social work in the different State hospitals. The workers have been present at the meetings of the hospital study group, which were made interesting this year by visiting physicians, experts in their fields. Other special conferences have been attended from time to time.

A summary of the work accomplished in this department follows:

SOCIAL SERVICE YEARLY STATISTICS

December 1, 1933 to November 30, 1934

I. NUMERICAL SUMMARY OF CASES:

	HOSPITAL CASES				COMMUNITY CASES				TOTAL		
	House Patients		Out Patients		Clinic Cases		Others				
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	T.
1. New cases	334	244	111	137	50	51	*374	127	869	559	1,428
2. Renewed cases from previous years	—	—	—	—	—	—	—	—	—	—	—
3. Renewed cases within the year	—	—	—	—	—	—	—	—	—	—	—
4. Continued cases from previous year	154	167	97	98	91	106	—	—	342	371	713
5. Cases closed during year	310	244	122	129	51	48	374	127	857	548	1,405
6. Cases continued to following year	178	167	86	106	90	109	—	—	354	382	736

*This number includes 77 male, 25 female juveniles; 237 male, 102 female school clinics, and 60 court cases.

II. SOURCES OF NEW CASES:

Number cases referred by physicians, 826; by community agencies, 602.

III. ANALYSIS OF WORK:

1. Purposes for which cases were referred: (a) Histories of Patients, taken at hospital, 352; taken outside hospital, 209; (b) Investigation—conduct disorders, 117; employment situations, 37; home conditions, 79; statement of patients, 141; statements of others, 174. (c) Supervision—home, 517; in industry, 19; in community, 39; (d) care of patient families, 49; (e) personal services, 446.

Problems: (a) Disease—mental, 517; physical, 55. (b) Sex problems—Promiscuity, 3; wayward tendencies, 22. (c) Environment—Financial difficulties, 114; employment difficulties, 70; unsuitable surroundings, 3; Friction, family, 58; others, 31; marital difficulties, 56. (d) Personality problems—temperament, 74; Anti-social Habits, 71; viciating interests, 24; (e) Educational problems—readjustment Habits

mind, 93; recreation, church, social relationships, 82; (f) Legal problem — Concerning property or support, 2; resulting from conduct of patient, 1.

V. SERVICE RENDERED

1. Medical:

Contribution of information re: Medical history, 669; home conditions, 607; condition of out-patients, 542.

2. Social:

Advice — to relatives, 353; to patients, 404; to others, 89. Connecting with agencies, 494; with individuals, 2,380; Personal services, 401.

SUPERVISION WORK:

1. Number of psychological tests to hospital patients, 116; to prisoners, 60; to juvenile delinquents, 102. Number patients on visit last day previous year, 195; discharged from visit during year, 128. Visits — to patients on ward, 398; on visit, 594; to relatives or friends, 377; social agencies, 184; others, 114.

2. Family care patients — number of patients visited, 14; boarding homes investigated, 3; Christmas boxes sent, 2.

I. CLINIC WORK:

1. Hospital Clinics — number of interviews with patients, 776; with relatives, 378;

2. School Clinics — number attended, 36; number of psychological tests, 336; miscellaneous work, arrangements with 16 superintendents for school clinics.

3. Community Clinics — Number attended, 132; interviews with patients, 250, others, 311.

II. MISCELLANEOUS:

1. Amount of expense account — school or community clinic work, \$79.85; hospital work, \$302.38.

2. Account of time — Number of days in hospital, 859½; outside hospital, 690; spent in school clinic work, 61; community clinic work, 134.

SPECIAL FEATURES:

Lectures — 24; Nurses training school.

Special Studies — Hospital study group, 7 meetings, 124 calls made in connection with study of cases discharged in 1920.

CONFERENCES:

Daily hospital conferences.

Saturday morning conferences at State House.

Massachusetts Conference of Social Workers at Wellesley — Annual Meeting.

Annual Conference of social workers in Department of Mental Diseases.

Annual meeting of Southeastern Committee of Mental Hygiene Society at Wrentham.

Annual meeting of Massachusetts Mental Hygiene Society.

OUT-PATIENT DEPARTMENT

Director — OLGA STEINECKE, M.D.

We have continued to maintain clinics in Attleboro, Fall River, New Bedford and Taunton. All these clinics are held at weekly intervals, with the exception of Attleboro which is visited monthly. We are glad to report a decided increase in the number of hospital cases which we contact at the clinics, and our new cases show an increase of twenty-nine over last year. We believe that this report justifies the time and effort expended, and it is our hope to continue this service to the community. The physicians at the different agencies have always been cooperative. As a matter of expediency, some of the juvenile delinquent cases have been examined at the clinics, but this procedure is discouraged insofar as it is possible. Our travelling school clinic this year examined three hundred and thirty-nine children referred by the superintendents of twenty-five different towns. In two towns the school tests were done by the clinic workers, and in one of these towns the histories were also done by the workers. There still remains one city in our district that has failed to request that these examinations be made. The following is a statement of the work accomplished by the different clinics.

MENTAL CLINICS

Sources of Visits

	Number of Visits
Community Welfare	3
Children's Aid Society	2
School Department	26
Society for the Prevention of Cruelty to Children	8
Private physicians	42
Family Welfare Society	7
Catholic Welfare Bureau	1
Taunton State Hospital	770
Department of Public Welfare	7
Court (Chapter 215 Cases)	74
Others	72
	<hr/> 1,004

Attleboro	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

Fall River	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

New Bedford	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

Taunton	
Total Visits:	New Cases:
Male	Male
Female	Female
<hr/> Total	<hr/> Total

New male cases seen	
New female cases seen	
<hr/> Total new cases seen	1
Male visits to clinic	5
Female visits to clinic	4
<hr/> Total visits to clinic	1,0
There were also 101 cases examined according to the provisions of Chapter 21 Acts of 1931.	

School Clinics

Number of towns visited	
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	Male	Female	Total
<i>Examinations:</i>			
New cases	164	79	243
Old cases (re-examined)	73	23	96
Number of incompleted cases	2		
Number of completed cases	337		
Total number of cases	339	237	102
			339
<i>Recommendations:</i>			
Institutional care	129	55	184
Special Class	2	1	3
Other recommendations	105	45	150
Total number of recommendations	236	101	337

OCCUPATIONAL THERAPY DEPARTMENT

Director — Katherine MacKenzie

The work of this department has continued under the supervision of Miss MacKenzie, assisted by five aides, one physical director, and one director of music.

Classes in occupational therapy have been held regularly on fourteen wards and the main classroom. Physical education classes are held on ward E. C. 5 where the patients are given setting up exercises, and games are played. During the summer months, these activities are held chiefly on the lawn.

Every three months a group of affiliate and postgraduate nurses were given lectures in occupational therapy, and twenty hours in practical demonstration. Other students were given a course of seven lectures, and twenty hours of crafts and practical work in the classes.

As previously, all recreational activities were under the supervision of the occupational therapy department. Just previous to our annual Christmas program, the David F. Adams Post Auxiliary of the Veterans of Foreign Wars contributed entertainment and dance for the benefit of the ex-service men and any others who were able to attend. The holiday season opened with a Christmas cantata titled "They That Sit in Darkness", the cast being composed entirely of patients, for which many gifts for patients were distributed from the very attractively lighted Christmas trees. Those who were not able to come to the assembly hall for their gifts, received them on the wards. On Christmas Day, special religious services were held both morning and afternoon, and during the week following, entertainments were held at each colony as well as at the main hospital, and the program closed with an Employees' Ball on January 2. Everything possible was done to make the Christmas season a happy one for our patients, and it is believed that our efforts were repaid.

The following people very generously contributed to our annual Christmas Fund: Miss Mabel P. Brown, Mr. D. W. Haggerty, Mrs. Elizabeth Morrissey, Miss Dorothy Park, Mrs. Charles H. Cook, Mr. Joseph Moniz, Mr. Joseph H. Waldron, Mrs. Catherine McDonald, Mr. Frank Duarte, Miss Nellie Collins, Mrs. Mary E. O'Havan, Mr. Harvey C. Sampson, Mrs. Margaret E. Lane, Mr. Andrew Mann, Mrs. Emma E. Thompson, Mrs. Deborah Moore, Mr. Ernest A. Reed, Mrs. Leroy Henny, Miss Eva Jean LePage, Mr. Norman E. Elsbree, Mr. S. M. Stone, Mrs. Nellie Dyer, Mrs. Sarah E. Day, Mr. Isadore Levine, I. Schneierson & Sons, Inc., Mrs. Marie Rogers, Mr. J. A. Rogers, Mrs. Azelie Melancon, Mrs. Elizabeth C. M. Ford, Mr. Harry Atwood, Mrs. John Yates, Mrs. Adah Anthony, Mary E. Doyle, and Mrs. A. M. Lane, Mr. John Benedetti, Mrs. Catherine Canty, Dr. J. Went Thuot, Mrs. Mary Besse, Mr. Asa A. Mills, Mr. Charles C. Cain, Mr. William Cowell, Miss Martha West, Mrs. Patrick Lucey, Reverend Francis A. Carthy, Mr. Harry L. Shenk, Miss M. L. Robinson.

Other activities of the year follow in order of the date on which they occurred: January 22 — Travel Talk on Mexico by Reverend Leonard Holton, together with an entertainment consisting of vocal, instrumental music and readings.

February 14 — Valentine Party for patients.

February 21 and 22 — Washington's Birthday parties for patients and employees.

The hall was suitably decorated for both occasions and refreshments were served

February 27 — Minstrel show under the auspices of Loyal Easton Lodge I. O. O. F. M. U. of Easton, after which games and dancing were enjoyed by patients

March 14 and 15 — St. Patrick's Parties for patients and employees.

April 4 — Easter Party for patients.

April 10 — Minstrel show presented by the American Legion Auxiliary.

April 18 — Patroit's Day Party for patients.

April 26 — Concert by Taunton High School Band under direction of Mr. Robert W. Park. Exhibition floor drill by David F. Adams Post Auxiliary of the Veterans of Foreign Wars. Gifts of candy and apples were presented to the ex-service men.

April 30 — Operetta "Crocodile Island" presented by boys and girls of Wrentham State School.

May 6 — St. John's Episcopal Church junior choir furnished music for our Sunday afternoon service.

May 10 and 15 — Play "In Old Virginny" presented at Lovering and Border Colonies. Cast composed of 40 patients.

May 17 — Above play presented at main hospital.

May 21 — Fidelia Music Club presented an entertainment at Lovering Colony

May 28 and 31 — May Parties for patients and employees. Chapel was suitably decorated with lattice work and tulips.

July 4 — Annual Field Day. Show in the assembly hall in the afternoon. Entertainers from White's Agency, Boston, Mass.

August 9 — Whist Party for patients.

August 23 — Progressive whist party for patients.

August 30 — Amateur night. Prizes were awarded for singing, dancing and instrumental music contests.

September 13 — Play "The Great Bond Mystery" presented at main hospital

September 26 — Whist party for patients.

October 18 — Nurses' graduation exercises.

October 19 — Nurses' graduation dance.

October 31 and November 2 — Patients' and employees' Hallowe'en parties.

November 5 — Minstrel show presented by boys of St. Joseph's Church.

November 15 — Play "The Great Bond Mystery" presented at Lovering Colony

November 21 — Vaudeville show sponsored by the Emergency Relief Association

November 26 and 27 — Thanksgiving parties for patients and employees.

In addition to the above there were three Community Sings held at the main hospital during the month of July and two during the month of August. Weekly band concerts which were sponsored by the Emergency Relief Association, were held at the main hospital and both colonies. Motion pictures and dances were also held once a week.

The following is a report of the Occupational Therapy treatments during the year:

Cases		Cases	
Under treatment, first of year	343	Discontinued	17
Admitted during the year	996	Discharged	17
Previously treated	566	Died	
Not previously treated	430	Remaining under treatment end	
Transferred	652	of year	38
Total Number of Cases During the Year			1,383

Articles Completed by the Patients: — 181 rugs, 1 chair seat, 20 table covers, centerpieces, 451 runners, 1 scrim square, 16 chair sets, 9 arm rests, 7 doilies, crayoned wall hangings, 36 pillows, 11 pillow tops, 793 crepe paper flowers, 46 face cloths, 1 wool scarf, 1 shoulderette, 215 parole card cases, 148 coat bags, 17 key cords, 3 ferneries, 46 baskets, 11 jardinières, 2 door stops, 1 pipe rack, 12 checkerboards, 13 vases, 50 bags evergreen strung, 4 reed trays, 2 bed spreads, 1 luncheon set.

Miscellaneous: — 40 fire rules framed, 59 paper backs put on pictures, 14 notices lettered for Basket Ball Club, 30 posters made for employees' parties, 3 Civil Works Administration sign boards painted.

Book-binding — 3 volumes of American Journal of Medical Sciences, 35 volumes Journal of the American Medical Association, 11 volumes of the American Journal of Psychiatry, 9 volumes of the Archives of Neurology and Psychiatry, 14 volumes of Mental Hygiene, 20 autopsy reports, 2 volumes of Archives of Pathology, 3 volumes of the American Journal of Roentgenology, 5 volumes of the New England Medical Journal, 5 reports of the Commissioner of Mental Diseases, 7 volumes of the Journal of Nervous and Mental Diseases, 10 reports of the Taunton State Hospital, 8 volumes of the Boston Medical and Surgical Journals, 2 volumes Medical Record, 6 volumes of Medical Journal and Record, 1 volume of Operative Dentistry, were bound. The following books were repaired: 1 volume of Illustrated Stock Book, 1 volume of Essentials of Laboratory Diagnoses, 1 Optometric Book, 22 Church Hymnals, 1 Physics Book, 1 Binet Simon Test Book.

At Lovering Colony the following were made: 59 runners, 3 table covers, 1 centerpiece.

SCHOOL OF NURSING

Principal — ANNIE A. HALL, R. N.

Assistant Principal — IRLA P. JACKSON, R. N.

The enrollment of the school during the year was as follows: 13 seniors, 10 intermediates, 11 preliminary students, 21 postgraduates, and 22 affiliate nurses. Thirteen students successfully completed the three year course, fifteen completed the six months postgraduate course, and eighteen completed the three months affiliation course.

Classes in practical nursing were given to forty-nine attendant nurses — twenty-five males and twenty-four females.

Graduation exercises were held on October 18, 1934, and a dance on the following evening, both of which were well attended. Reverend Francis J. Maloney of Taunton delivered the graduation address and diplomas to the thirteen graduates were presented by Mrs. Mary Besse of Wareham, a member of the Board of Trustees. First and second prizes for general merit were awarded to Miss Florence Malone and Miss Josephine Galligan. The Linda Richards prize for the best theme on psychiatric nursing, given by the alumnae, was won by Miss Marion Carter.

It is with regret that we report the death of Miss Rita Hutchins, a member of the senior class, within three months of graduating, who passed away on November 19, 1934 at the Bristol County Sanatorium.

The affiliation with the Jordan Hospital in Plymouth terminated in June due to the discontinuance of the school at that hospital.

The following changes have occurred in the nursing personnel: Miss Susan Kane, R.N., graduate of Taunton State Hospital in 1933, Miss Sophie Kuss, R.N., graduate of Taunton State Hospital in 1932, and Miss Gertrude McGee, R.N., graduate of the Fall River General Hospital in 1931, resigned their positions as head nurses. Miss Edna Ashton, R.N., graduate of Taunton State Hospital in 1933, and Miss Eloise Rhodes, R.N., graduate of St. Vincent's Hospital in 1934, were appointed to head nurse positions. Miss Rhodes was obliged to resign because of ill health.

The alumnae association has been very active, and meetings have been well attended by staff nurses, as well as the district and annual meetings of the Massachusetts State Nurses Association. The A.N.A. Biennial Convention, held at Washington, D.C., was attended by Miss Annie A. Hall, R.N., as delegate of District No. 3, M.S.N.A., and Miss Sophie Kuss, R.N., delegate of Taunton State Hospital Alumnae Association.

As in other years, members of the medical staff and of the various other departments have been depended on for lecture courses and help in many other directions. The school is sincerely appreciative of the wholehearted manner in which these services have been rendered.

RELIGIOUS SERVICES

Religious services are conducted weekly as previously. On Sunday at 8:45 a.m. Catholic patients from both the main hospital and the colonies attend Mass in the chapel, and in the afternoon at 4:00 o'clock, there is a Protestant service in the

Chapel at the main hospital. Other Protestant services are conducted at each colony for the benefit of the patients there. The choirs participating, are composed of patients with Miss Frances Allen serving as director. The Jewish patients meet with Rabbi Jonas Kamin for their weekly services.

The following clergymen have responded to every need of the hospital promptly and had charge of the service from time to time: Reverends Frederick W. Alder, W. E. Cross, Linton Dwyer, John Findlay, Erastus Green, Cyril Hartman, Francis Maloney, H. M. Medary, Douglas Swaffield, Arthur Tansey, M. P. Tobey and Hansel Tower.

LIBRARY

Director — MR. CHARLES WADE

The library is now functioning in regular routine. Its removal from its old and inadequate quarters to a single, large, well lighted and well ventilated room with modern library equipment, necessitated certain changes, *i.e.*, the removal of books that have lost their interest for the book readers of today, and the re-arrangement of the books according to the system of the American Library Association. These changes have now been completed, and the library today consists of books of lasting value, fiction, non-fiction and books of current interest. Any book or portion of a book on any subject, can now be located without delay with our card catalogue fully equipped with cross references.

Books are now going at bimonthly intervals to both the colonies and to all wards on both divisions where patients care to read, making a total of thirteen wards in all. Magazines are also distributed at regular intervals.

Total number of books, November 30, 1934	6,17
Additions by gift	7
Additions by purchase	42
Employees' library cards	10
Total annual circulation	7,56

The following persons have contributed to the library during the year: Mr. A. C. Bent, Dr. William Wyatt, Mrs. T. W. Smith, Mrs. H. Robinson, Mrs. R. M. Be, Mrs. Richard Smerdon, Mrs. Catherine Smith, Mrs. Mabel Nightingale, Miss Bragg, Mrs. H. F. Woodward, Mrs. Clift, Mrs. Elizabeth C. M. Gifford, Mrs. Mary Besse, Mrs. G. Burt, Mrs. Walter Ware, Mrs. Hern, Mrs. L. Boyd, Mrs. H. Hastings, Miss Mary Morse, Mr. E. Russell Davol, Mrs. Allyn, Mrs. William Davis, Mrs. Elmer Robinson, Miss Dean, Mrs. K. L. Bragg.

MEDICAL LIBRARY

Director — DONALD G. HENDERSON, M.D.

That a medical library is one of the greatest assets of a hospital is a well recognized fact. For this reason, we are endeavoring to improve ours, in some way, every year. Several new books were purchased during the past year, and all of the periodicals received, have been bound.

The quarters in which the library is located are good from the standpoint of accessibility, but the space is limited, and it will not be long before other quarters will have to be sought.

We are hoping that it will be possible to subscribe for more journals in the very near future, as our present list is far from complete. Neurology and Psychiatry are the subjects which have been stressed, and we have more books and periodicals on these two subjects than on the other divisions of medicine, but general medicine, surgery, roentgeneology, and the other specialties have not been overlooked, and there are plenty of reference books on these subjects.

PUBLICATIONS

"Restoration of Autopsied Bodies — A Better Method" by Harold W. Williams, M.D., and Donald G. Henderson, M.D., published in the *New England Journal of Medicine* on August 23, 1934.

"The Relation of Arcus Senilis to Arteriosclerosis and Senility" by Charles White, M.D., published in the *New England Journal of Medicine* on January 3, 1935.

STEWARD'S DEPARTMENT *Kitchen and Bakeshop*

This department, under the supervision of our dietitian, Miss Harriet Glover, continues to add greatly to the comfort and satisfaction of the patients and employees. The matter of making six different menus per week over the period of fifty-two weeks in a year, without monotonous repetition, is a task not to be envied, but its solving by the dietitian causes no embarrassment. The cooking standards of the past years have been maintained, and many new and wholesome dishes have been offered.

We have discontinued making our own mix for ice cream. The purchased product is far superior to any that we have ever made, and this not to the disparagement of our cooks, as it is not possible to have the machinery to properly mix the ingredients. We might add that the purchase of this mix has resulted in an increase of only five cents a gallon.

The grease market being practically non-existent, the old system of selling rendered grease has been discontinued. This grease has been used to manufacture laundry soap, allowing us to discontinue the purchase of this product. We are now endeavoring to make chip soap for use in our laundry, and experiments have been carried on to that point where we can see that it is entirely practical.

The year saw us attain a new height in the canning and preserving of fruits and vegetables. A list of our accomplishments is given in the farm report.

The Bake Shop, while under the supervision of the dietitian, is directed by our head baker, Mr. Patrick Brown, who has continued to produce not only the bread consumed in the hospital, but pastries of all sorts, as well as a complete line of desserts. The hot muffins for breakfast, a very popular item on the menu, are also furnished by this department.

The Diet Kitchen, under Miss Dorothy T. Bailey, assistant dietitian, operates as a special unit apart from any other commissary division. It takes care of all the therapeutic diets, special orders and extra nourishments. Daily nourishment consisting of cocoa, eggnog, or milk is sent out each morning and afternoon to patients who need extra food apart from the regular diet. An average of 54 quarts of cocoa, 40 quarts of eggnog and 8 quarts of milk are distributed daily for this purpose.

The following is a list of the special meals which have been served during the year:

anemia	8,193	High protein	21
anemia, pernicious	9	House	597
diabetic	18,414	Ketogenic	3,144
employees' house	1,179	Liquid diet	1,311
at free	465	Low protein	1,293
astric No. 4	4,077	Meat Free	24
igh caloric	2,250	Reducing	627
igh caloric, soft solid	219	Sippy diet	579
igh carbohydrate	762	Soft solid	969
igh carbohydrate low protein	531	Specials	13,752
igh fat	12	Typhoid convalescent	5,193

LAUNDRY

The hospital laundry has operated under the supervision of Mr. Henry Prejsnar to a high degree of efficiency, this despite very crowded quarters plus the additional handicap of a large number of worn out and antiquated machines. During the past year a total of 2,145,247 pounds of laundry work was done, more than 87% of which was finished work.

A program for the elimination of stains was inaugurated, and is being carried forward with some degree of success, but this is a very difficult problem, and we hope for better results during the year 1935. Greater attention has been paid to those types of material which shrink readily, these being specially handled, and you can all see that much has been done in this direction.

The washing and mending of stockings has always been a great problem in that they are, under ordinary circumstances, not likely to get back to the places from

which they came. We have introduced a system whereby stockings leave the ward in a marked laundry net in which they are washed and tumbled. They are then returned to the mending department where the nets are opened individually, the stockings mended and returned to the ward in the same net. The exchange system which has been in vogue in this institution for some years past, will be discontinued during the next year, as we have not found it suitable for our needs. The year 1935 will find us using the marked system of laundry identification. The laundry work will bear the mark of the ward to which it belongs and after washing and ironing, the work will be sorted and returned to the particular ward.

The old machinery, previously mentioned, consists mostly of wash wheels, none of which are less than fifteen years old. Not only are these machines faulty and expensive to operate, but they turn out work inferior to that of the machines of the present day. We have requested that a sum of money be allotted to replace two of these wheels during the year 1935. This program of replacement will be continued each year until all our old wheels are no more.

An appropriation has been requested for the purpose of purchasing and installing one additional laundry chute. This chute when installed will practically eliminate the taking of soiled linen outside the hospital building in its trip to the laundry and this indeed will be most gratifying.

Garage

The garage has continued under the supervision of our foreman, Mr. Manso H. Wills. Despite the fact that many additional duties have been delegated to this department during the past few years, it has not been necessary to increase the number of machines. This is due chiefly to the fact that the cars are kept in excellent condition, and it is seldom that they are out of service for more than a few hours at a time.

One Ford sedan and one General Motor Company 1½ ton truck were purchased during the year. The truck is equipped with a semi-van body and canopy top. The loading area of this truck is materially increased over that of the one previously owned, and we are now able to transport to and from our colonies without embarrassment. In our budget for 1935 there is a request for one car which is to take the place of the Studebaker which will start its seventh year next spring.

Storeroom

This branch, under the supervision of Mr. John Finn, has carried on with a minimum of difficulty. The inventories were accurately maintained and the care given to all merchandise has been satisfactory. Special attention has been paid to the handling of meats, each carcass having been divided into the different cuts generally recognized by the meat trade. These different cuts are then used only for the purpose for which they are intended. This eliminates the possibility of sending undesirable cuts to be roasted or broiled, and for that reason, is very popular with the kitchen. Ample supplies of salt pork and corned beef are assured, and head cheese, sausage, jellied tongue, etc., are on hand the greater part of the time. All of this is a great aid in increasing the variety of meats on our menus.

In the interest of better identification with the resulting increase in the factor of safety, as well as better inventories, all shipments of alcohol, kerosene, and insecticide are broken down and placed in one gallon cans.

Samples of all food stuffs have regularly been sent to the purchasing laboratory for analysis and inspection.

Salvage Yard

This section, under Mr. Joseph Lynch, blacksmith, operates very successfully. The work of reclaiming odds and ends which have a value, and the condemning and disposing of worn out materials continues to be the major work. In addition to this, however, horses are shod, wagons and other farm implements repaired and painted. The blacksmith has also been able to do a great deal of metal work in and about the hospital.

An important step of the year was the introduction of the acetylene torch for braising, welding and cutting, this being work that was formerly done outside. Another accomplishment was the manufacture of cement pipe, hundreds of feet of 12", 18" and 24" being made.

INDUSTRIAL DEPARTMENT

We have continued to employ more than one hundred patients in this department during the year, and we hope that this number may be increased next year, as the benefit that they derive is unmeasurable. The institution also derives much benefit in that many of the products which we manufacture are made to order, and therefore, much better suited to the purpose for which they are intended. This applies especially to suits and dresses, it being impossible to fit some individuals from stock sizes. If others are not available, they are likely to have ill-fitting clothes which at least are uncomfortable.

The repairs accomplished in this department constitute one of our greatest economies, and would alone justify its maintenance. A summary of the work accomplished follows:

Furniture Shop

Manufactured: — 10 doors, 80 brush backs, 4 clothes boxes, 19 wardrobes, 1 coat rack, 36 baskets and bases, 1 pedestal.

Repaired: — 246 doors, 403 chairs, 118 tables, 10 beds, 44 racks, 70 drawers, 67 bureaus, 9 commodes, 12 wardrobes, 2 bookcases, 7 desks, 4 mirrors, 2 bed trays, 1 piano.

Industrial Shop

Manufactured: — 848 mattresses, 608 pillows, 798 brooms, 551 brushes, 111 pails, 4 wire hooks, 33 wreaths, 1 metal airshaft, 21 rope mats, 5 drip pans, 1 stove pipe, 1 metal ring, 56 metal covers, 73 window shades, 1 metal flue, 1 metal handle, 1 metal tool bore, 2 metal screens, 1 metal fernery, 209 dry mops, 144 wet mops, 1 funnel, 11 cushions, 3 colanders.

Repaired: — 37 brushes, 12 boilers, 38 cans, 11 covers, 24 clocks, 7 colanders, 5 chairs, 5 containers, 8 cues, 3 baskets, 6 dispensers, 2 dippers, 1 bowl, 2 eggbeaters, 1 handle, 3 coalhods, 2 hanging signs, 1 holder, 4 mop wringers, 18 pans, 25 pails, 107 pots, 11 pitchers, 1 plunger, 18 racks, 3 signs, 3 sinkboards, 32 shades, 12 trainers, 11 sprayers, 1 sterilizer, 2 tubs, 1 tank, 1 shelf, 37 tins, 1 door, 9 scrapers, 1 screens, 1 measure, 1 spout, 2 bells, 2 ladles, 1 fernery, 1 foot stool, 1 divan, 1 box, 1 ventilator, 1 scoop, 1 pipe, 1 table, 1 truck, 6 tins stamped, 44 tags stamped.

Upholstered: — 2 sofas, 17 chairs, 29 cushions, 9 divans, 2 pool tables.

Caned: — 44 chairs.

Tailor Shop

Manufactured: — 226 suits, 115 white coats, 72 pairs white pants, 56 cotton coats, 50 pair cotton pants, 2 dairy jumpers, 3 pairs dairy pants, 92 overall jumpers, 4 pairs overall pants, 273 pairs overalls, 32 bathrobes, 4 suits pajamas, 322 rag rugs, 3 pairs curtains.

Repaired: — 1 rubber cape, 1 rug, 1 sinkboard, 1 tank, 3 covers, 1 art square.

Cleaned and pressed: — 6,599 suits, 71 dresses, 16 women's coats, 11 sweaters, 1 shoulderettes, 33 neckties, 5 bathrobes.

Cleaned and blocked: — 62 hats.

Miscellaneous: — 778 grummets put in towels, 52 grummets put in tub covers, 7 grummets put in bags, 24 fasteners sewed on rugs, 15 carpets rebound.

Shoe Shop

Manufactured: — 286 pairs men's shoes, 30 pairs women's shoes, 148 pairs slippers, 5 pairs straps.

Repaired: — 4 rubber aprons, 1 horse collar, 1 baseball shield, 6 pairs baseball shoes, 7 baseball gloves, 12 baseballs, 6 pool pockets, 3 bags, 145 pairs straps, 2 rubber matting, 1,523 pairs rubber heels put on, 173 pairs rubber lifts put on, 1 pairs rubber heels, 383 pairs leather heels, 669 sewed taps, 470 nailed taps, 644 pairs patched, 297 soles patched, 392 rips sewed up, 452 pairs heel linings put in.

Sewing Room

Manufactured: — 18 abdominal binders, 491 aprons, 101 ladies' bed jackets, 2 bibs, 8 binders, 504 blankets hemmed, 319 blankets hemmed and tagged, 88 pairs bloomers, 72 booties, 2 canvas covers, 196 caps, 54 coffee bags, 77 pillow covers, 371 pairs curtains, 2 cushion covers, 28 diapers, 10 pairs draperies, 500

dressess, 12 dusters, 162 face cloths, 27 gowns, 84 hammocks, 84 cafeteria headbands, 24 hot water bottle covers, 256 laundry bags, 114 mattress ticks, 48 pair mittens, 11,507 napkins, 432 nightgowns, 9 pairs overdresses, 3,627 sheets, 6 pair holders, 42 suits pajamas, 6 pastry bags, 2,201 pillow slips, 10 pillow cushions, 5 screen covers, 3,627 sheets, 185 pairs men's shorts, 704 men's shirts, 110 shrou squares, 808 sick shirts, 36 sitz aprons, 123 women's slips, 120 stocking bags tagged, 292 table cloths, 193 pairs tie backs, 7,274 towels, 85 tub covers, 18 T binders, 16 utility cases, 126 valances, 1½ yds. white scrim.

At Lovering Colony the following articles were made: — 180 aprons, 18 pair curtains, 14 pairs curtains hemstitched, 15 dresses, 84 laundry bags, 298 napkins, 72 men's night shirts, 46 puffs, 92 sheets, 36 ladies' sick shirts, 120 men's shirts, 3 slips, 52 table cloths.

Mending Room

Repaired: — 1,666 aprons, 237 bathrobes, 412 bibs, 289 blankets, 2 pairs booties, 833 B.V.D., 16 caps, 294 coats, 2 pairs corsets, 55 curtains, 1,400 drawers, 5,53 dresses, 76 face cloths, 120 gowns, 11 ice bags, 4,635 laundry bags, 597 mattress ticks, 1,700 napkins, 12,912 night dresses, 210 overalls, 54 pairs pants, 504 pillow slips, 57 puffs, 2,953 sheets, 5,098 shirts, 1,660 slips, 476 spreads, 12,467 pair stockings, 24 sweaters, 88 table cloths, 1,108 towels, 743 tub covers, 1,387 union suits, 6 utility cases.

FARM

Director — MR. FRED GULLON

The farm has had a fairly good year, and despite the fact that the cost of operation has increased materially, a fair profit was realized. All of our garden crops were satisfactory with the exception of the potato crop where the yield was small but of good quality. This was due to excessive drought during the month of July. Our root cellars were filled to capacity, and if we are successful in keeping the products in storage, we will have enough to last us through the season. In addition much of our crop was canned, as is shown by the following report: — 6,930 No. 10 can string beans, 786 No. 10 cans beets, 1,153 No. 10 cans cabbage, 1,846 No. 10 can carrots, 3,486 No. 10 can chard, 1,291 No. 10 can onions, 514 No. 10 can pumpkins, 190 gallons sauerkraut, 207 No. 10 can winter squash, 454 No. 10 can summer squash, 5,775 No. 10 can tomatoes, 30 quarts apple jelly, 222 quarts grape jelly, 236 gallons mustard pickle, 350 gallons piccalilli, 425 gallons cucumber pickle, 155 gallons sweet pickles.

The need of a new root cellar has been pointed out in our annual reports for many years, and again I am forced to bring the matter to your attention.

The production of our herd has increased somewhat during the year, but is still far below the average of other hospital herds. This has been due to contagious abortion which we have been fighting during the last two years. Most of the infected cows have been disposed of, and we are hoping that before next year's report is written, this disease will have been completely eradicated. We are indebted to Farm Supervisor, E. H. Forristall, for much valuable advice concerning this subject.

We have continued to produce in the neighborhood of 50 pounds per capita of pork, and we feel that the limit has not yet been reached. An abundance of fresh eggs and meat has been produced in the poultry department. Our egg production has amounted to 185 eggs per hen. Practically all of the work of this department has been accomplished by patients working under the supervision of one of our assistant head farmers.

Our orchards and small fruit trees were severely damaged by the unusually cold weather of last winter. As a result, the amount of fruit produced was very small and we will not know the full extent of the damage until next Spring. It is possible that quite a number of our young apple trees have been ruined. All of the trees in our peach orchard were killed and had to be removed. An attempt was made to replace it, but the stock purchased was found to have been damaged by the winter, and only a small percentage of the transplantation was successful. All of this is being made good by the nursery from which the stock was purchased, but the year has been lost.

Our florist has continued to produce many cut flowers and potted plants, and these have done much to brighten up the wards. The nursery has produced many shrubs which have been very valuable in extending our landscaping program. All of our shade trees have been trimmed, and carefully canvassed for gypsy moths. Fertilizing has begun to show in the improvement of our lawns. We are hoping for the time when much of the land now kept in natural state can be turned into lawn, and plans are being made to do some of this work next year.

I wish to call your attention to the fact that all of the farming activities at the main hospital with the exception of the garden, will have to be transferred to the Borden Colony before very long because of the construction of the new hospital group. The present location of the buildings at that colony is not satisfactory because of the wetness of the land in that vicinity; consequently, I would recommend as renewal of these buildings becomes necessary, that they be re-located on another site about one half a mile west of King Phillip Street. The land in the vicinity mentioned is high and admirably suited to the purpose. I would recommend the immediate construction of a piggery and poultry plant as well as a dormitory to accommodate fifty or sixty male patients. This would result in the establishment of a nucleus of what would eventually be a complete farm unit as time progresses. The renewal of many of the buildings now in use at this colony will be necessary before many years. I believe that this part of our program is exceedingly important, and I hope that the Board will see fit to give it serious consideration.

The production of the farm follows: (In pounds) 565,606 milk, 11,991 beef, 2,055 liver, 81,245 pork, 6,178 fowl, 3,133 chicken, 685 broilers, 156,975 potatoes, 1,057 asparagus, 30,077 string beans, 907 shell beans, 43,469 beets, 1,694 broccoli, 139 brussel sprouts, 99,963 cabbage, 11,061 cantaloupes, 37,340 carrots, 521 cauliflower, 40 celery, 38,031 swisschard, 25,065 sweet corn, 8,004 table cucumbers, 1,005 dandelions, 1,440 egg plant, 2,110 kohlrabi, 482 leek, 7,709 lettuce, 64,887 onions, 24,170 parsnips, 2,276 green peas, 472 green peppers, 11,525 pumpkins, 3,469 radish, 4,221 rhubarb, 3,270 spinach, 23,013 summer squash, 51,452 winter squash, 70,705 green and ripe tomatoes, 46,022 turnips, 3,883 turnip greens, 712,709 ensilage, 25,900 greenfeed, 13,740 clover greenfeed, 66,236 oats, 231,660 mangels, 56,800 millet, 6,241 apples (1st), 1,866 apples (2nd), 616 grapes, 620 red raspberries, 3,978 strawberries, 16,720 7/12 dozen eggs.

REPAIRS ORDINARY

Much work has been accomplished with the money appropriated under this heading during the year. More than the usual amount of both in-door and out-door painting has been done. The custom of leaving the choice of decoration to the heads of departments has been continued and we believe, has added much to the attractiveness of the different parts of the hospital.

Extensive repairs have been made at the Borden Colony. The Leonard House is undergoing complete renovation including the renewal of electric wiring, plumbing, plaster and floors. A new terrazzo floor has been installed in the dining room of the brick cottage and the old clothing rooms which are no longer in use because of the new section established in the basement of this building last year, have been torn out and made available for dormitory space. Numerous repairs have been necessary on all of the old barns at this colony. The floor in the dining room at Covering Colony was relaid and refinished, and is as good as new. It is planned to relay all the floors in the buildings there, as they are all old and in poor condition. Several ceilings have been replaced and much plastering has been done.

REPAIRS AND RENEWALS

The following improvements were made possible by appropriations under this heading this year:

A new hot water heater and storage tank of 1,500 gallon capacity replaced the worn out unit in the boiler room.

A new pasteurizer, two tubular milk coolers, a clarifier, refrigeration unit, as well as all other small equipment necessary in a modern milk handling plant, were installed in the dairy at Raynham. This is a great improvement and will enable us to handle our milk in accordance with the latest improved method.

Mixing machines were installed in the kitchens of both Borden and Lovering Colonies, and a friolator in the main kitchen.

The following items were requested in our budget estimates for the year 1935:—

Laundry equipment	\$6,000.00
Laundry chutes	425.00
Extension of street lights.	500.00
Power mower	400.00
Improvement to heating system	300.00
Sidewalks and roads construction	500.00
Pressure water cooler	275.00
Power factor corrector	1,650.00
Renovate ceilings at main hospital	500.00
Linoleum (Main Hospital)	1,190.00
Canning room equipment	800.00
Electric master clock	1,800.00
Transit	362.00
Dry cleaning apparatus	1,850.00
Connect distribution line to homes and cottages with high tension lines	800.00
Monitor roof	400.00
Roof Repairs at Lovering Colony	450.00
Linoleum for male home	3,430.00
Heating changes	1,050.00
Renovate Engineer's Work Shops	1,600.00
Increase in heating (east and west extensions)	2,800.00
Farm fencing	500.00
Repairs to cow barn and dairy roofs	700.00
Ladders	90.38
Replacing plumbing fixtures at Borden Colony	510.00

ACKNOWLEDGEMENT

In conclusion, permit me to express my appreciation to all those who have made donations to our library and Christmas Fund during the past year, and to the organizations and societies who have aided in the entertainment of our patients. I am extremely grateful to the members of the Board for their unfailing interest and advice, and deeply indebted to the employees of the institution who, by their efforts, have made the work of this year possible.

RALPH M. CHAMBERS, M.D.,
Superintendent.

VALUATION

November 30, 1934
REAL ESTATE

Land, 456 acres	\$63,000.00
Buildings and betterments	1,165,047.00
	<hr/> \$1,228,047.00

PERSONAL PROPERTY

Travel, transportation and office expenses	\$4,829.38
Food	7,704.38
Clothing and materials	22,072.00
Furnishings and household supplies	124,791.50
Medical and general care	16,080.00
Heat and other plant operation	5,332.00
Farm	42,234.00
Garage and grounds	5,677.90
Repairs	16,501.00
	<hr/> \$245,224.00

SUMMARY

Real estate	\$1,228,047.00
Personal property	245,224.00
	<hr/> \$1,473,272.00

FINANCIAL STATEMENT

To the Department of Mental Diseases:

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1934.

STATEMENT OF EARNINGS

Board of patients		\$57,576.26
Personal Services		181.00
Sales:		
Travel, transportation and office expenses	\$21.55	
Food	74.44	
Clothing and materials	39.20	
Furnishings and household supplies	21.45	
Medical and general care	4.50	
Heat and other plant operations	34.00	
Garage and grounds	1.60	
Repairs ordinary	133.04	
Farm	209.85	
Total sales		539.63
Miscellaneous:		
Miscellaneous	\$37.20	
Interest on bank balances	119.94	
Rents — House and room	595.00	
Garage	627.50	
Board of Employees	270.00	
Total miscellaneous		\$1,849.64
Total earnings for the year		\$60,146.53
Total case receipts reverting and transferred to the State Treasurer		\$60,146.53
Accounts receivable outstanding December 1, 1933	—	
Accounts receivable outstanding November 30, 1934	—	
Accounts receivable increased		—

MAINTENANCE APPROPRIATION

Balance from previous year, brought forward		\$8,400.16
Appropriation, current year		483,015.00
Total		\$491,415.16
Expenditures as follows:		
1. Personal services	\$269,353.30	
2. Food	71,935.91	
3. Medical and general care	8,749.02	
4. Religious instruction	2,009.86	
5. Farm	22,338.52	
6. Heat and other plant operation	39,436.04	
7. Travel, transportation and office expenses	5,788.98	
8. Garage and grounds	4,052.54	
9. Clothing and materials	7,980.93	
0. Furnishings and household supplies	21,690.78	
1. Repairs ordinary	12,099.24	
2. Repairs and renewals	5,941.44	
Total maintenance expenditures		\$471,376.56
Balance of maintenance appropriation, November 30, 1934		20,038.60
		\$491,415.16

SPECIAL APPROPRIATIONS

Balance December 1, 1933 brought forward		\$14,374.06
Appropriations for current year		972,000.00
Total		\$986,374.06
Expended during the year (see statement below)	\$13,072.75	
Reverting to Treasury of Commonwealth	—	
(Star balances below that are reverting)		13,072.75
Balance November 30, 1934, carried to next year		\$973,301.31

APPROPRIATION	Act or Resolve Ch. Year	Total Am't. Appropriated	Expended during Fiscal Year	Total Expended to Date	Balance at end of Year
Superintendent's house construction	115-1930 170-1932	\$19,500.00	\$10,617.43	\$17,243.37	\$2,256.63
Superintendent's house furnishings	115-1930 170-1932	1,500.00	1,354.62	1,354.62	145.38
Mass. State Project No. M-47 Docket No. 4,477 Hospital Building, In- firmatory, etc.		951,000.00	308.99	308.99	950,691.01
Mass. State Project No. M-46 Docket No. 5,440 — sprinklers		21,000.00	791.71	791.71	20,208.29

PER CAPITA
During the year the average number of patients has been, 1,553.
Total cost of maintenance, \$471,376.56
Equal to a weekly per capita cost of (52 weeks to year), \$5.8370
Total receipts for the year, \$60,146.53
Equal to a weekly per capita of, \$.7448
Total net cost of maintenance for year, \$411,230.03
Net weekly per capita, \$5.0922

Respectfully submitted,
YVONNE B. PATERNAUDE,
Treasurer.

STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION PRESCRIBED BY THE
MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. General Information
(Data correct at end of institution year November 30, 1934)

1. Date of opening as a hospital for mental diseases, 1854.									
2. Type of hospital: State.									
3. Hospital plant									
Value of hospital property:									
Real estate, including buildings								\$1,228,047.17	
Personal property								245,224.86	
Total								\$1,473,272.03	
Total acreage of hospital property owned, 456									
Additional acreage rented, none.									
Total acreage under cultivation during previous year, 176¾									
4. Officers and employees:									
	Actually in Service			Vacancies at End					
	at End of Year			of Year					
	M.	F.	T.	M.	F.	T.	M.	F.	T.
Superintendents	1	—	1	—	—	—	—	—	—
Assistant physicians	9	1	10	—	—	—	—	—	—
Total physicians	10	1	11	—	—	—	—	—	—
Stewards	1	—	1	—	—	—	—	—	—
Resident dentists	1	—	1	—	—	—	—	—	—
Pharmacists	—	1	1	—	—	—	—	—	—
Graduate nurses	1	18	19	—	—	—	—	—	—
Other nurses and attendants	78	62	140	4	3	7	—	—	—
Occupational therapists	—	8	8	—	—	—	—	—	—
Social workers	—	3	3	—	—	—	—	—	—
All other officers and employees	61	63	124	2	4	6	—	—	—
Total officers and employees	152	156	308	6	7	13	—	—	—
5. Census of patient population at end of year:									
	Actually in Hospital			Absent from Hospital					
				but still on Books					
	M.	F.	T.	M.	F.	T.	M.	F.	T.
WHITE:									
Insane	760	762	1,522	81	99	180	—	—	—
Alcoholics	3	—	3	1	—	1	—	—	—
Drug addicts	1	—	1	—	—	—	—	—	—
All other cases	1	—	1	2	—	2	—	—	—
Total	765	762	1,527	84	99	183	—	—	—
OTHER RACES:									
Insane	14	14	28	—	1	1	—	—	—
Total	14	14	28	—	1	1	—	—	—
Grand Total	779	776	1,555	84	100	184	—	—	—
			Males	Females		Total			
6. Patients under treatment in occupational-therapy classes, in- cluding physical training, on date of report			139	277		416			
7. Other patients employed in general work of hospital on date of report			483	487		970			
8. Average daily number of all patients actually in hospital during year			777.9692	774.6691		1,552.6383			
9. Voluntary patients admitted during year			8	6		14			
10. Persons given advice or treatment in out-patient clinics during year			551	453		1,004			

TABLE 3. *Nativity of First Admissions and of Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States ¹	119	97	216	59	58	48	39	42	35
Belgium	1	—	1	1	1	1	—	1	—
Canada ²	23	15	38	34	30	26	24	26	21
Denmark	1	—	1	1	1	1	1	—	—
England	8	13	21	13	16	10	22	18	16
Finland	2	3	5	2	1	1	4	3	3
France	—	1	1	1	—	—	1	1	1
Germany	2	2	4	4	2	2	3	3	3
Greece	—	1	1	—	—	—	1	1	1
Ireland	4	7	11	23	23	21	16	17	13
Italy	7	2	9	7	5	5	2	2	2
Norway	—	1	1	—	—	—	1	1	1
Poland	2	4	6	6	6	6	4	4	4
Portugal	15	8	23	22	21	21	18	16	16
Russia	3	—	3	3	3	3	1	—	—
Scotland	1	—	1	3	2	1	4	4	2
Sweden	2	1	3	2	2	2	2	2	2
Wales	—	1	1	—	—	—	—	—	—
West Indies ³	1	—	1	1	1	1	1	—	—
Other Countries	2	5	7	2	2	2	5	5	5
Unknown	1	—	1	10	20	9	12	15	11
Total	194	161	355	194	194	160	161	161	136

¹(Persons born in Hawaii, Porto Rico and the Virgin Islands should be recorded as born in U. S.)
²Includes Newfoundland.
³Except Cuba, Porto Rico and Virgin Islands.

TABLE 5. *Citizenship of First Admissions*

	M.	F.	T.
Citizens by birth	119	97	216
Citizens by naturalization	29	26	55
Aliens	40	28	68
Citizenship unknown	6	10	16
Total	194	161	355

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			With syphilitic meningo-encephalitis			With other forms of syphilis			Alcoholic psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	5	5	10	—	2	2	1	—	1	1	—	—
Armenians	11	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	1	—	1	—	—	—	—	—	—	—	—	—
English	58	51	109	7	1	8	—	—	—	4	1	5
Finnish	2	3	5	—	—	—	—	—	—	—	—	—
French	29	21	50	1	1	2	—	—	—	4	1	5
German	2	3	5	—	—	—	—	—	—	—	—	—
Greek	—	1	1	—	—	—	—	—	—	—	—	—
Hebrew	1	1	2	—	—	—	—	—	—	—	—	—
Irish	25	20	45	2	1	3	—	—	—	6	1	7
Italian ¹	7	2	9	—	—	—	—	—	—	1	—	1
Lithuanian	1	—	1	—	—	—	—	—	—	1	—	1
Portuguese	19	16	35	3	2	5	—	—	—	2	—	2
Scandinavian ²	3	4	7	—	—	—	—	—	—	1	—	1
Scotch	1	3	4	—	—	—	—	—	—	—	—	—
Slavonic ³	7	6	13	1	—	1	—	—	—	1	—	1
Syrian	—	2	2	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	1	1	—	—	—	—	—	—	—	—	—
Other specific races	2	1	3	—	—	—	—	—	—	—	—	—
Mixed	26	13	39	2	4	6	—	—	—	6	—	6
Race unknown	5	7	12	1	—	1	—	—	—	—	—	—
Total	194	161	355	17	11	28	1	—	1	27	3	30

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Traumatic psychoses			With cerebral arterio-sclerosis			With convulsive disorders (epilepsy)			Senile psychoses			Involutional psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	1	1	1	—	1	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	1	—	1	19	9	28	1	—	1	9	13	22	—	5	5
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	1	—	1	8	2	10	—	1	1	3	4	7	—	2	2
German	—	—	—	2	2	4	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Irish	1	—	1	8	5	13	—	—	—	4	2	6	—	2	2
Italian ¹	—	—	—	1	—	1	—	—	—	—	—	—	—	1	1
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	4	2	6	—	1	1	—	—	—	1	3	4
Scandinavian ²	—	—	—	1	1	2	—	—	—	—	—	—	—	1	1
Scotch	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—
Slavonic ³	—	—	—	1	—	1	—	—	—	—	2	2	—	2	2
Syrian	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
West Indian ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	2	—	2	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	4	—	4	1	—	1	3	2	5	3	—	3
Race unknown	—	—	—	4	1	5	—	—	—	—	2	2	—	2	2
Total	3	1	4	55	23	78	2	2	4	19	26	45	4	18	22

¹Includes "North" and "South".
²Norwegians, Danes and Swedes.
³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Morvian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.
⁴Except Cuba.

TABLE 6. — *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Psycho-neuroses			Manic-depressive psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
English	—	2	2	—	—	—	—	—	—	—	1	1	1	5	6
Finnish	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
French	—	1	1	—	—	—	—	—	—	—	—	—	1	1	2
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Hebrew	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Irish	—	2	2	—	—	—	—	—	—	1	2	3	—	1	1
Italian ¹	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	—	—	—	—	—	—	2	—	2	—	—	—	—	1	1
Scandinavian ²	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic ³	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syrian	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
West Indies ⁴	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	—	—	—	—	1	1	—	1	1	—	1	1
Race unknown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	1	8	9	1	—	1	2	1	3	1	4	5	4	10	14

TABLE 6. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Dementia praecox			Paranoia and paranoid conditions			With mental deficiency			Undiagnosed psychoses			Without psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Bulgarian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	10	11	21	—	1	1	4	2	6	—	—	—	2	—	2
Finnish	1	3	4	—	—	—	—	—	—	—	—	—	—	—	—
French	8	6	14	1	—	1	1	2	3	—	—	—	1	—	1
German	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Greek	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Irish	2	1	3	—	3	3	—	—	—	1	—	1	—	—	—
Italian ¹	2	1	3	1	—	1	1	—	1	—	—	—	—	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Portuguese	6	6	12	—	—	—	1	1	2	—	—	—	—	—	—
Scandinavian ²	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	1	—	1	—	—	—	—	1	1	—	—	—	—	—	—
Slavonic ³	4	—	4	—	1	1	—	1	1	—	—	—	—	—	—
West Indian ⁴	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Other specific races	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	5	4	9	—	—	—	1	—	1	—	—	—	1	—	1
Race unknown	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
Total	42	41	83	2	5	7	8	8	16	1	—	1	4	—	4

¹Includes "North" and "South".²Norwegians, Danes and Swedes.³Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.⁴Except Cuba.

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0-14 years			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo- encephalitis	17	11	28	-	-	-	-	-	-	-	1	1	1	-	1
With other forms of syphilis	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	27	3	30	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	3	1	4	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	55	23	78	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epi- lepsy)	2	2	4	-	-	-	-	1	1	-	-	-	-	-	-
Senile psychoses	19	26	45	-	-	-	-	-	-	-	-	-	-	-	-
Involucional psychoses	4	18	22	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	8	9	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	1	4	5	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	4	10	14	-	-	-	-	-	-	2	-	2	-	2	2
Dementia praecox	42	41	83	-	1	1	5	3	8	11	8	19	12	7	19
Paranoia and paranoid condition	2	5	7	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	8	8	16	-	-	-	-	1	1	-	-	-	2	1	3
Undiagnosed psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	4	-	4	-	-	-	2	-	2	-	-	-	-	-	-
Total	194	161	355	-	1	1	7	5	12	13	9	22	15	10	25

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses—Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years			50-54 years			55-59 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-enceph- alitis	1	1	2	2	3	5	3	1	4	1	2	3	4	2	6	2	-	2
With other forms of syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	4	1	5	3	-	3	4	-	4	5	-	5	3	1	4	4	-	4
Traumatic psychoses	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	-	-	-	1	-	1	-	1	1	3	-	3	4	5	9
With convulsive disorders (epi- lepsy)	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Involucional psychoses	-	-	-	-	-	-	-	-	-	1	4	5	-	8	8	2	6	8
Due to other metabolic diseases, etc.	-	-	-	1	1	2	-	-	-	-	1	1	-	2	2	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	1	-	1	-	-	-	-	-	-	-	1	1	-	-	-	1	-	1
Psychoneuroses	-	-	-	-	1	1	-	2	2	-	1	1	-	-	-	1	-	1
Manic-depressive psychoses	-	2	2	-	3	3	-	1	1	2	-	2	-	-	-	-	1	1
Dementia praecox	7	8	15	3	3	6	1	6	7	1	-	1	-	3	3	1	-	1
Paranoia and paranoid conditions	-	1	1	-	1	1	-	-	-	1	1	2	1	1	2	-	-	-
With mental deficiency	1	3	4	2	-	2	1	1	2	1	1	2	-	-	-	-	1	1
Undiagnosed psychoses	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Without psychoses	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	16	16	32	13	12	25	12	11	23	12	13	25	11	17	28	15	13	28

TABLE 7. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	60-64 years			65-69 years			70-74 years			75-79 years			80-84 years			85 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	1	1	2	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-
With other forms of syphilis	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	2	1	3	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Traumatic psychoses	1	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	7	6	13	15	4	19	11	3	14	7	3	10	6	-	6	1	1	2
With convulsive disorders (epilepsy)	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	-	-	-	1	-	1	6	7	13	8	8	16	2	9	11	2	2	4
Evolutional psychoses	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	1	1	-	1	1	-	2	2	-	-	-	-	-	-	-	-	-
Due to new growth	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychoneuroses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	1	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paranoia and paranoid conditions	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
With mental deficiency	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Undiagnosed psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Without psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	15	12	27	19	6	25	20	13	33	15	11	26	8	9	17	3	3	6

TABLE 9. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			0-2,499			2,500-9,999			10,000-24,999			25,000-49,999			50,000-99,999			100,000-249,999			500,000+			Unknown		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	17	11	28	1	1	2	4	1	5	2	2	1	1	1	1	1	1	1	9	8	17	—	—	—	—	—	—
With other forms of syphilis	1	3	4	—	—	—	—	—	—	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Alcoholic psychoses	27	3	30	1	1	2	5	—	5	1	1	5	—	—	—	4	1	5	11	2	13	—	—	—	—	—	
Traumatic psychoses	3	1	4	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	—	—	—	—	
With cerebral arteriosclerosis	55	23	78	5	3	8	19	3	22	6	12	3	2	5	—	9	2	11	13	7	20	—	—	—	—	—	
With convulsive disorders (epilepsy)	2	2	4	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	1	2	3	—	—	—	—	—	
Senile psychoses	19	26	45	4	1	5	4	9	13	2	5	1	—	1	—	4	2	6	4	9	13	—	—	—	—	—	
Involuntary psychoses	4	18	22	1	1	2	1	4	5	—	1	1	1	—	—	2	2	2	1	11	12	—	—	—	—	—	
Due to new growth	1	8	9	1	1	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Due to other metabolic diseases, etc.	1	1	2	—	—	—	—	—	—	1	1	1	1	—	—	—	3	3	—	2	2	—	—	—	—	—	
With organic changes of nervous system	2	1	3	—	1	1	—	—	—	1	1	1	—	—	—	—	—	—	1	1	2	—	—	—	—	—	
Psychoneuroses	1	4	5	—	1	1	—	1	1	—	—	—	1	—	—	—	—	—	—	2	2	—	—	—	—	—	
Manic-depressive psychoses	4	10	14	1	1	2	1	1	2	—	—	—	2	2	—	2	1	3	1	5	6	—	—	—	—	—	
Dementia praecox	42	41	83	1	3	4	8	4	12	2	6	8	4	4	8	7	8	15	19	16	35	—	—	1	—	—	
Paranoia and paranoid conditions	2	5	7	—	1	1	1	2	3	1	1	1	1	1	—	1	1	1	1	1	1	—	—	—	—	—	
With mental deficiency	8	8	16	1	1	2	3	2	5	1	1	2	1	1	2	1	1	2	1	2	3	—	—	—	—	—	
Undiagnosed psychoses	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Without psychoses	4	—	4	—	—	—	2	—	2	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—	—	—	
Total	194	161	355	15	12	27	49	27	76	19	20	39	17	11	28	27	22	49	66	68	134	1	—	1	—	1	1

TABLE 10. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Comfortable			Unknown
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M. F. T.
With syphilitic meningo-encephalitis	17	11	28	7	7	14	9	4	13	1	—	1	— —
With other forms of syphilis	1	—	1	1	—	1	—	—	—	—	—	—	— —
Alcoholic psychoses	27	3	30	12	1	13	15	2	17	—	—	—	— —
Traumatic psychoses	3	1	4	3	—	3	—	1	1	—	—	—	— —
With cerebral arteriosclerosis	55	23	78	41	14	55	10	9	19	2	—	2	2 — 2
With convulsive disorders (epilepsy)	2	2	4	2	2	4	—	—	—	—	—	—	— —
Senile psychoses	19	26	45	15	22	37	3	3	6	1	1	2	— —
Involuntional psychoses	4	18	22	2	3	5	2	15	17	—	—	—	— —
Due to other metabolic diseases, etc.	1	8	9	1	5	6	—	2	2	—	1	1	— —
Due to new growth	1	—	1	—	—	—	1	—	1	—	—	—	— —
With organic changes of nervous system	2	1	3	2	—	2	—	1	1	—	—	—	— —
Psychoneuroses	1	4	5	—	2	2	1	2	3	—	—	—	— —
Manic-depressive psychoses	4	10	14	1	4	5	3	5	8	—	1	1	— —
Dementia praecox	42	41	83	22	19	41	20	19	39	—	3	3	— —
Paranoia and paranoid conditions	2	5	7	2	5	7	—	—	—	—	—	—	— —
With mental deficiency	8	8	16	6	6	12	2	2	4	—	—	—	— —
Undiagnosed psychoses	1	—	1	1	—	1	—	—	—	—	—	—	— —
Without psychoses	4	—	4	3	—	3	1	—	1	—	—	—	— —
Total	194	161	355	121	90	211	67	65	132	4	6	10	2 — 2

TABLE 11. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unknown
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M. F. T.
With syphilitic meningo-encephalitis	17	11	28	6	8	14	6	2	8	5	1	6	— —
With other forms of syphilis	1	—	1	—	—	—	1	—	1	—	—	—	— —
Alcoholic psychoses	27	3	30	4	—	4	23	1	24	—	2	2	— —
Traumatic psychoses	3	1	4	2	1	3	1	—	1	—	—	—	— —
With cerebral arteriosclerosis	55	23	78	13	20	33	30	2	32	12	1	13	— —
With convulsive disorders (epilepsy)	2	2	4	2	2	4	—	—	—	—	—	—	— —
Senile psychoses	19	26	45	12	22	34	5	3	8	2	1	3	— —
Involuntional psychoses	4	18	22	—	16	16	2	2	4	2	—	2	— —
Due to other metabolic diseases, etc.	1	8	9	—	7	7	1	1	2	—	—	—	— —
Due to new growth	1	—	1	—	—	—	—	—	—	1	—	1	— —
With organic changes of nervous system	2	1	3	1	—	1	1	—	1	—	1	1	— —
Psychoneuroses	1	4	5	1	3	4	—	1	1	—	—	—	— —
Manic-depressive psychoses	4	10	14	1	9	10	2	1	3	1	—	1	— —
Dementia praecox	42	41	83	22	30	52	17	10	27	3	1	4	— —
Paranoia and paranoid conditions	2	5	7	1	3	4	1	2	3	—	—	—	— —
With mental deficiency	8	8	16	6	7	13	1	—	1	1	—	1	— 1
Undiagnosed psychoses	1	—	1	—	—	—	1	—	1	—	—	—	— —
Without psychosis	4	—	4	2	—	2	1	—	1	1	—	1	— —
Total	194	161	355	73	128	201	93	25	118	28	7	35	— 1

TABLE 12. Marital Condition of First Admissions Classified to Principal Psychoses

PSYCHOSES	Total			Single		Married		Widowed		Divorced		Separated	
	M.		F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.	T.
With syphilitic meningo-encephalitis	17	11	28	1	2	12	6	1	2	2	4	1	1
With other forms of syphilis	1	1	2	—	—	1	1	—	—	—	—	—	—
Alcoholic psychoses	27	3	30	6	6	17	3	4	—	—	—	—	—
Traumatic psychoses	3	1	4	2	2	—	1	1	—	—	—	—	—
With cerebral arteriosclerosis	55	23	78	13	5	23	8	16	10	—	—	3	3
With convulsive disorders (epilepsy)	2	2	4	2	2	—	—	—	—	—	—	—	—
Senile psychoses	19	26	45	4	5	6	5	8	16	—	—	1	1
Involutional psychoses	4	18	22	2	3	2	11	—	3	—	—	1	1
Due to other metabolic diseases, etc.	1	8	9	1	1	—	5	—	2	—	—	—	1
Due to new growth	1	1	2	—	—	1	—	—	—	—	—	—	—
With organic changes of nervous system	2	1	3	—	1	2	—	—	—	—	—	—	—
Psychoneuroses	1	4	5	—	1	1	3	—	—	—	—	—	—
Manic-depressive psychoses	4	10	14	2	2	2	6	—	—	—	1	1	1
Dementia praecox	42	41	83	34	14	5	25	3	—	—	1	1	1
Paranoia and paranoid conditions	2	5	7	3	3	2	1	—	1	—	—	—	—
With mental deficiency	8	8	16	6	5	2	2	—	—	—	1	—	—
Undiagnosed psychoses	1	—	1	—	1	1	—	—	—	—	—	—	—
Without psychoses	4	—	4	3	—	—	—	—	—	—	—	1	1
Total	194	161	355	76	42	77	76	33	34	2	5	6	4
				118		153		67		7		10	

TABLE 13. *Mental Disorders of All Admissions, All Discharges, All Deaths, 1934, All Cases in Residence and All Cases Out on September 30, 1934, by Status of Admissions and Sex — Concluded*

MENTAL DISORDERS	ALL ADMISSIONS ¹			ALL DISCHARGES ¹			ALL DEATHS			RESIDENT POPULATION			PATIENTS OUT ON VISIT ETC.		
	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions	First Admissions		Readmissions
	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
Dementia praecox (schizophrenia):															
Simple type	6	4	10	4	2	6	—	—	—	12	7	19	3	1	4
Hebephrenic type	10	6	16	3	3	6	—	—	—	57	56	113	5	1	6
Catatonic type	18	19	37	7	11	18	3	1	4	55	68	123	7	14	21
Paranoid type	12	14	26	4	8	12	2	4	6	118	143	261	2	9	11
Other types	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Paranoid conditions	2	5	7	—	4	6	—	2	2	14	19	33	7	3	10
With psychopathic personality	—	—	—	—	—	—	—	—	—	3	—	3	—	1	1
With mental deficiency:															
Idiot	—	2	2	—	1	1	—	—	—	5	2	7	—	1	1
Imbecile	4	5	9	—	1	1	—	2	2	35	19	54	—	1	2
Moron	6	3	9	4	3	7	—	—	—	14	7	21	1	2	3
Unknown	—	—	—	1	—	1	—	1	1	1	4	5	1	—	1
Undiagnosed Psychoses:															
Without Psychoses:															
Alcoholism	3	—	3	4	—	4	—	—	—	2	—	2	1	—	1
Drug addiction	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
Psychopathic personality:															
With pathological sexuality	2	—	2	—	—	—	—	—	—	1	—	1	—	—	—
With pathological emotionality	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
With asocial or amoral trends	2	—	2	2	—	2	—	—	—	—	—	—	—	—	—
Epilepsy	3	—	3	3	1	4	—	—	—	—	—	—	—	—	—
Mental deficiency:															
Moron	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
Other non-psychotic diseases or conditions	2	1	3	2	2	4	—	—	—	—	—	—	1	—	1
Primary Behavior Disorders:															
Primary behavior disorders in children:															
Habit disturbances	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Conduct disturbance	—	—	—	3	—	3	—	—	—	—	—	—	—	—	—
Grand Total	260	178	438	124	75	199	125	72	197	587	571	1,158	55	77	132
	51	39	89	20	29	49	7	12	19	192	205	397	29	23	52

TABLE 14. *Discharges of Patients Classified with Reference to Principal Psychoses and Condition on Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
with syphilitic meningo-encephalitis	6	1	7	-	-	-	6	1	7	-	-	-
with epidemic encephalitis	-	1	1	-	-	-	-	1	1	-	-	-
with other infectious diseases	-	1	1	-	-	-	-	1	1	-	-	-
alcoholic psychoses	19	2	21	14	-	14	4	2	6	1	-	1
automatic psychoses	1	-	1	1	-	1	-	-	-	-	-	-
with convulsive disorders (epilepsy)	1	2	3	-	-	-	1	1	2	-	1	1
manic psychoses	1	-	1	-	-	-	-	-	-	1	-	1
degenerative psychoses	3	7	10	1	4	5	2	3	5	-	-	-
due to other metabolic diseases, etc.	-	2	2	-	1	1	-	-	-	-	1	1
psychoneuroses	3	2	5	1	-	1	2	2	4	-	-	-
manic-depressive psychoses	14	19	33	8	13	21	5	6	11	1	-	1
dementia praecox	20	30	50	4	2	6	14	26	40	2	2	4
paranoia and paranoid conditions	2	6	8	-	-	-	2	5	7	-	1	1
with psychopathic personality	1	1	2	1	-	1	-	1	1	-	-	-
with mental deficiency	6	4	10	5	2	7	1	1	2	-	1	1
Total	81	82	163	36	23	59	40	53	93	5	6	11

TABLE 15. *Hospital Residence during This Admission of Court First Admissions Discharge during 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
with syphilitic meningo-encephalitis	4	1	5.	1.04	.79	.99
with epidemic encephalitis	-	1	1	-	.29	.29
with other infectious diseases	-	1	1	-	.29	.29
alcoholic psychoses	18	2	20	.56	.98	.60
automatic psychoses	1	-	1	.37	-	.37
with cerebral arteriosclerosis	4	4	8	.61	.14	.38
with convulsive disorders (epilepsy)	1	2	3	.12	1.22	.85
manic psychoses	1	-	1	.79	-	.79
degenerative psychoses	3	5	8	1.11	.92	.99
due to other metabolic diseases, etc.	-	2	2	-	.33	.33
psychoneuroses	3	2	5	.37	.50	.42
manic-depressive psychoses	10	15	25	.49	.76	.65
dementia praecox	15	22	37	1.11	1.02	1.06
paranoia and paranoid conditions	2	4	6	.67	1.20	1.02
with mental deficiency	4	3	7	.57	1.71	1.06
Total	66	64	130	.72	.88	.80

CAUSES OF DEATH	Involuntal psychoses			Due to other metabolic diseases, etc.			Due to new growth			With organic changes of nervous system			Manic-depressive psychoses			Dementia praecox			Paranoia and paranoid conditions			With psychopathic personality			With mental deficiency		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Infectious and Parasitic Diseases:</i>																											
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis of the respiratory system	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	3	1	—	—	—	—	—	—	—	—	—	—
Purulent infection, septicaemia (non-puerperal)	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Cancer and Other Tumors:</i>																											
Cancer and other malignant tumors	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Blood and Blood-making Organs:</i>																											
Pernicious anemia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Leukemias and pseudo-leukemias	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of the spleen	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Nervous System and Organs of Special Sense:</i>																											
Cerebral hemorrhage	—	1	1	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cerebral embolism and thrombosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General paralysis of the insane	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Circulatory System:</i>																											
Pericarditis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Chronic endocarditis (valvular diseases)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diseases of the myocardium	—	2	2	—	—	—	—	—	—	—	1	—	1	—	—	3	3	—	—	—	—	—	—	—	—	—	—
Diseases of the coronary arteries and angina pectoris	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of the heart	—	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Arteriosclerosis	—	1	1	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Respiratory System:</i>																											
Bronchopneumonia (including capillary bronchitis)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia	—	—	—	—	—	—	1	—	1	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Digestive System:</i>																											
Hernia, intestinal obstruction	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peritonitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Genito-Urinary System:</i>																											
Nephritis (acute, chronic and unspecified)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Congenital Malformations:</i>																											
Violent and Accidental Deaths:																											
Accidental traumatism	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other external causes	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
<i>Ill-Defined Causes of Death</i>																											
Total	1	6	7	—	1	1	2	2	1	3	2	10	12	5	6	11	—	2	2	1	—	1	—	—	—	4	4

TABLE 17. Age of Patients of Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	Total			15-19 years		20-24 years		25-29 years		30-34 years		35-39 years		40-44 years	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	19	9	28	-	-	-	-	1	-	1	2	1	-	2	1
With other forms of syphilis	2	-	2	-	-	-	-	-	-	-	-	-	-	-	3
Alcoholic psychoses	12	-	12	-	-	-	-	-	-	-	-	-	-	1	-
Traumatic psychoses	3	-	3	-	-	-	-	-	-	-	-	-	-	-	1
With cerebral arteriosclerosis	41	20	61	-	-	-	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-
Senile psychoses	28	22	50	-	-	-	-	-	-	-	-	-	-	-	-
Involutional psychoses	1	6	7	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	2	10	12	-	-	-	-	-	-	-	-	-	-	-	-
Dementia praecox	5	6	11	-	-	-	-	1	1	2	-	1	1	-	1
Paranoia and paranoid conditions	-	2	2	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	-	4	4	-	-	-	-	-	-	-	-	-	-	-	-
Total	120	83	203	1	-	1	-	2	1	3	1	6	7	3	6

PSYCHOSES	55-59 years			60-64 years		65-69 years		70-74 years		75-79 years		80-84 years		85 years and over	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	3	1	4	4	1	5	1	1	2	-	-	-	-	-	-
With other forms of syphilis	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Alcoholic psychoses	-	-	-	4	-	4	1	-	1	-	-	-	-	-	-
Traumatic psychoses	-	-	-	1	-	1	1	-	1	-	2	-	-	-	-
With cerebral arteriosclerosis	3	-	3	3	2	5	1	1	1	-	6	3	9	2	4
With other disturbances of circulation	-	-	-	-	-	-	6	3	9	9	6	15	-	2	2
With convulsive disorders (epilepsy)	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-
Senile psychoses	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-
Involutional psychoses	1	-	1	-	-	-	1	2	3	8	16	9	6	4	2
Due to other metabolic diseases, etc.	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-
Due to new growth	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	1	-	1	1	-	1	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	1	1	1	1	2	-	-	-	-	-	-	-	-	-
Dementia praecox	-	1	1	1	1	3	1	1	1	1	1	1	1	-	-
Paranoia and paranoid conditions	-	-	-	1	-	1	2	-	-	-	-	-	-	-	-
With psychopathic personality	-	1	1	-	-	1	-	-	-	-	-	-	-	-	-
With mental deficiency	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-
Total	12	10	22	12	10	22	12	10	22	12	10	22	12	10	22

PSYCHOSES	Total			Less than 1 month		1-3 months		4-7 months		8-12 months		1-2 years		3-4 years	
	M. F.		T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	19	9	28	-	1	1	6	3	9	1	-	1	2	3	4
With other forms of syphilis	2	2	4	-	-	-	1	-	1	-	-	-	-	-	-
Alcoholic psychoses	12	-	12	-	-	-	1	-	1	-	-	-	-	3	3
Traumatic psychoses	3	3	6	1	1	2	1	1	2	1	-	-	-	-	-
With cerebral arteriosclerosis	41	20	61	2	4	6	20	5	25	3	2	5	8	3	6
With other disturbances of circulation	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	3	3	6	-	-	-	-	-	-	-	-	-	-	2	2
Senile psychoses	28	22	50	1	3	4	10	10	20	3	1	4	6	4	6
Involuntal psychoses	1	6	7	-	-	-	1	1	2	-	-	-	-	-	-
Due to other metabolic diseases, etc.	1	1	2	-	-	-	1	1	2	-	-	-	-	-	-
Due to new growth	1	1	2	-	-	-	1	1	2	-	-	-	-	-	-
With organic changes of nervous system	2	1	3	-	-	-	1	-	1	1	-	-	-	1	1
Manic-depressive psychoses	2	10	12	-	-	-	1	-	1	-	-	5	-	1	1
Dementia praecox	5	6	11	-	-	-	1	-	1	-	-	-	-	-	-
Paranoia and paranoid conditions	2	2	4	-	-	-	-	-	-	-	-	-	-	-	-
With psychopathic personality	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
With mental deficiency	1	4	5	-	-	-	-	-	-	-	-	-	-	-	-
Total	120	83	203	4	8	12	42	20	62	9	5	14	16	10	26

PSYCHOSES	5-6 years			7-8 years		9-10 years		11-12 years		13-14 years		15-19 years		20 years and over	
	M. F.		T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	2	1	3	-	-	-	-	-	-	-	-	-	1	-	-
With other forms of syphilis	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Alcoholic psychoses	1	-	1	1	-	1	-	-	-	-	-	1	1	3	3
Traumatic psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With cerebral arteriosclerosis	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
With other disturbances of circulation	-	-	-	1	1	2	-	-	-	-	-	-	-	-	-
With convulsive disorders (epilepsy)	-	2	2	1	1	2	-	-	-	-	-	-	-	-	-
Senile psychoses	1	-	1	-	1	1	-	1	2	1	-	1	-	1	1
Involuntal psychoses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to other metabolic diseases, etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Due to new growth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
With organic changes of nervous system	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manic-depressive psychoses	-	3	3	-	-	-	1	1	2	-	1	1	-	-	-
Dementia praecox	-	1	1	-	-	-	-	1	1	-	-	-	-	3	3
Paranoia and paranoid conditions	-	1	1	-	-	-	-	-	-	-	1	1	-	-	-
With psychopathic personality	-	1	1	-	-	-	-	-	-	-	-	-	-	1	1
With mental deficiency	-	-	-	-	1	1	-	-	-	-	1	1	-	-	-
Total	5	8	13	3	3	6	2	3	5	1	3	4	2	2	4

TABLE 19. *Average of Length of Hospital Residence during the Present Admission
All First Admission Cases in Residence on September 30, 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	34	16	50	4.63	6.93	5.8
With other forms of syphilis	3	—	3	6.17	—	6.1
With epidemic encephalitis	1	1	2	4.50	7.50	6.0
Alcoholic psychoses	68	11	79	8.77	10.95	9.8
Traumatic psychoses	6	3	9	4.98	5.15	5.0
With cerebral arteriosclerosis	53	37	90	2.65	3.94	3.3
With other disturbances of circulation	2	1	3	12.00	7.50	10.0
With convulsive disorders (epilepsy)	11	13	24	6.76	3.88	5.3
Senile psychoses	31	54	85	3.45	4.56	4.0
Involuntional psychoses	15	49	64	4.29	5.18	4.7
Due to other metabolic diseases, etc.	2	14	16	3.98	2.41	2.8
With organic changes of nervous system	8	4	12	5.86	7.75	6.8
Psychoneuroses	5	6	11	5.89	4.83	5.3
Manic-depressive psychoses	29	37	66	9.25	7.14	8.2
Dementia praecox	242	274	516	12.28	10.57	11.4
Paranoia and paranoid conditions	14	19	33	4.49	6.60	5.5
With psychopathic personality	3	—	3	7.17	—	7.1
With mental deficiency	55	32	87	10.75	8.00	9.4
Undiagnosed psychoses	1	—	1	.45	—	.4
Without psychoses	4	—	4	.45	—	.4
Total	587	571	1,158	8.89	8.04	8.4

TABLE 19A. *Average Length of Hospital Residence during the Present Admission
All Readmission Cases in Residence on September 30, 1934*

PSYCHOSES	Number			Average Net Hospital Residence in Years		
	M.	F.	T.	M.	F.	T.
With syphilitic meningo-encephalitis	11	—	11	6.77	—	6.7
With epidemic encephalitis	3	—	3	4.83	—	4.8
Alcoholic psychoses	26	3	29	8.38	8.48	8.4
Due to drugs, etc.	2	1	3	17.50	.45	11.0
Traumatic psychoses	2	—	2	3.00	—	3.0
With cerebral arteriosclerosis	6	7	13	9.90	3.19	6.5
With convulsive disorders (epilepsy)	4	2	6	3.24	12.50	6.9
Senile psychoses	—	4	4	—	4.24	4.2
Involuntional psychoses	5	9	14	2.08	5.71	4.0
Due to other metabolic diseases, etc.	—	1	1	—	.45	.4
With organic changes of nervous system	—	2	2	—	4.50	4.5
Psychoneuroses	—	5	5	—	7.29	7.2
Manic-depressive psychoses	19	28	47	6.65	5.78	6.2
Dementia praecox	97	128	225	11.11	11.14	11.1
Paranoia and paranoid conditions	7	3	10	3.64	22.50	9.0
With psychopathic personality	—	1	1	—	7.50	7.5
With mental deficiency	9	11	20	10.50	7.03	8.8
Without psychoses	1	—	1	.45	—	.4
Total	192	205	397	9.14	9.40	9.2

TABLE 20. *Family Care Statistics for Year Ended September 30, 1934*

	Males	Females	Total
Remaining in Family Care September 30, 1933	—	3	3
On Visit from Family Care September 30, 1933	—	—	—
Admitted to Family Care During the Year	—	—	—
Whole Number of Cases within the Year	—	3	3
Discharged from Family Care within the Year:	—	1	1
Returned to Institution	—	1	1
Remaining in Family Care September 30, 1934	—	2	2
On Visit from Family Care September 30, 1934	—	—	—
Average Daily Number in Family Care during Year:	—	2.5384	2.5
Self-supporting	—	2	2